

# INTERNATIONAL SEARCH REPORT

Int	al Application No
	PCT/US 03/35949

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 B29C45/73 B29C33/38 B29C45/16 B29C49/22

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/83193 A (LEE ROBERT A ; ADVANCED PLASTICS TECHNOLOGIES (GB); HUTCHINSON GERALD) 8 November 2001 (2001-11-08) the whole document	1-30
A	US 6 413 075 B1 (SYKES JAMES D ET AL) 2 July 2002 (2002-07-02) column 3, line 16 - line 64 column 6, line 22 - line 31 column 8, line 54 - line 64 column 13, line 41 - column 18, line 24; figures 2-4	1-30

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
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- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
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Date of the actual completion of the International search

19 March 2004

Date of mailing of the International search report

30/03/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Lanz, P

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 10, 31 August 1998 (1998-08-31) & JP 10 128839 A (AOKIKO KENKYUSHO:KK), 19 May 1998 (1998-05-19) abstract	1-30
P	KOCH M: "KONZEPTE FUER DIE WERKZEUGTEMPERIERUNG EINE UEBERSICHT MIT ERFAHRUNGEN AUS DER PRAXIS" KUNSTSTOFFE, CARL HANSER VERLAG. MUNCHEN, DE, vol. 92, no. 11, November 2002 (2002-11), pages 28-36, XP001121639 ISSN: 0023-5563 page 30, column 3, last paragraph – page 31, column 3, paragraph 1	1-30

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Information on patent family members

Int'l Application No  
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WO 0183193	A	08-11-2001	AU WO US	5391501 A 0183193 A1 2003031814 A1		12-11-2001 08-11-2001 13-02-2003
US 6413075	B1	02-07-2002	US US US AU CA CA CN CN EP JP JP WO	6168740 B1 2001028930 A1 2001016239 A1 6959798 A 2286746 A1 2451119 A1 1362322 A 1252023 T 1019234 A1 3388761 B2 2000511483 T 9846410 A1		02-01-2001 11-10-2001 23-08-2001 11-11-1998 22-10-1998 22-10-1998 07-08-2002 03-05-2000 19-07-2000 24-03-2003 05-09-2000 22-10-1998
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